# SNEHA TEST HOUSE

No. 8 & 28, 4th Cross, Maruthinagar, Chandra Layout, 80ft Road, Nagarabhavi, Bangalore - 560 072
Phone : 23390341, 23390737, 23180113 Mobile : 98440 27167 / 90085 88684
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BL 509

## TEST CERTIFICATE

| | | | |
|---|---|---|---|
| **Report No:** | **STH/QF/1867/03** | **Customer Code No.:** | **Nil** |
| **Issued To:** | M/s.KRIDL,<br>BBMP, Bangalore | **Sample receipt date:** | 12.06.2014 |
| **Issued To** | AEE, BBMP, Ward No14/15<br>Dasarahalli sub Division | | |
| **Kind Attn.:** | ------ | **Start of analysis date:** | 13.06.2014 |
| **Location:** | Soundarya layout 12th Cross in ward no 14 | | |
| **Nature of sample:** | **Borewell water** | **Completion Date:** | 18.06.2015 |
| **Condition of Sample:** | Good | **Report Date:** | 18.06.2014 |
| **Sample package:** | Plastic water bottle &sterile Bottle | **Job Order Number:** | 1867/03 |
| **Date of Sampling:** | 12.06.2014 | **Sampled collected Agency** | By KRIDL,Bangalore |

| TEST PARAMETER | UNIT | RESULT | Maximum Acceptable Limit as per IS:10500-2012 | Maximum Permissible Limits In The Absence of Alternate Source as per IS: 10500-2012 | PROTOCOL |
|---|---|---|---|---|---|
| Color | Pt-Co | <2.00 | 5.00 | 15.0 | IS:3025 (P- 4) |
| odor | --- | Agreeable | Agreeable | Agreeable | IS:3025 (P- 5) |
| pH value | ----- | 07.53 | 6.5 - 8.5 | No relaxation | IS:3025 (P-11) |
| Turbidity | NTU | 00.20 | 1.0 | 5.0 | IS:3025 (P-10) |
| Conductivity | µmhos/cm | 873.00 | --- | 2250 | IS:3025 (P-14) |
| Total Dissolved Solids | mg/L | 560.00 | 500 | 2000 | IS:3025 (P-16) |
| Total Alkalinity as $CaCO_3$ | mg/L | 339.10 | 200 | 600 | IS:3025 (P-23) |
| Total Hardness as $CaCO_3$ | mg/L | 286.38 | 200 | 600 | IS:3025 (P-21) |
| Calcium as Ca | mg/L | 76.39 | 75 | 200 | IS:3025 (P-40) |
| Magnesium as Mg | mg/L | 23.20 | 30 | 100 | IS:3025 (P-46) |
| Chloride as Cl | mg/L | 107.06 | 250 | 1000 | IS:3025 (P-32) |
| Sulphate as $SO_4$ | mg/L | 33.19 | 200 | 400 | IS:3025 (P-24) |
| Nitrates as $NO_3$ | mg/L | 04.73 | 45 | No relaxation | IS:3025 (P-34) |
| Fluoride as F | mg/L | 00.24 | 1.0 | 1.5 | IS:3025 (P-60) |
| Iron as Fe | mg/L | 0.060 | 0.3 | No relaxation | IS:3025 (P-53) |
| Residual free chlorine | mg/L | ND | 0.2 | 1.0 | IS:3025 (P-26) |

**CONCLUSION:** On the basis of above Chemical analysis the water conform to permissible limits of IS 10500:2012 and Drinking water specification

SNEHA TEST HOUSE BANGALORE

NOTE :

1. Test results refer only to the tested samples and applicable parameters. 2. The sample will be preserved for a maximum of 7 days on request.
3. This certificate shall not be reproduced in part or full and cannot be used as evidence in court of law without prior permission in writing.
4. Total liability of our laboratory is limited to the invoice amount 5. Sample (S) not drawn by us unless otherwise stated.

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Website : www.sthlab.com


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## TEST CERTIFICATE

| | | | |
|---|---|---|---|
| **Report No:** | **STH/QF/1865/01** | **Customer Code No.:** | **Nil** |
| **Issued To:** | M/s.KRIDL,<br>BBMP, Bangalore | **Sample receipt date:** | 12.06.2014 |
| **Issued To** | AEE, BBMP, Ward No14/15<br>Dasarahalli sub Division | | |
| **Kind Attn.:** | ------ | **Start of analysis date:** | 13.06.2014 |
| **Location:** | Venugopala Swamy temple bagal gunte in ward No 14 | | |
| **Nature of sample:** | **Borewell water** | **Completion Date:** | 18.06.2015 |
| **Condition of Sample:** | Good | **Report Date:** | 18.06.2014 |
| **Sample package:** | Plastic water bottle &sterile Bottle | **Job Order Number:** | 1865/01 |
| **Date of Sampling:** | 12.06.2014 | **Sampled collected Agency** | By KRIDL,Bangalore |

| TEST PARAMETER | UNIT | RESULT | Maximum Acceptable Limit as per IS:10500-2012 | Maximum Permissible Limits In The Absence of Alternate Source as per IS: 10500-2012 | PROTOCOL |
|---|---|---|---|---|---|
| Color | Pt-Co | <2.00 | 5.00 | 15.0 | IS:3025 (P- 4) |
| odor | --- | Agreeable | Agreeable | Agreeable | IS:3025 (P- 5) |
| pH value | ----- | 07.53 | 6.5 - 8.5 | No relaxation | IS:3025 (P-11) |
| Turbidity | NTU | 00.20 | 1.0 | 5.0 | IS:3025 (P-10) |
| Conductivity | µmhos/cm | 861.00 | --- | 2250 | IS:3025 (P-14) |
| Total Dissolved Solids | mg/L | 560.00 | 500 | 2000 | IS:3025 (P-16) |
| Total Alkalinity as $CaCO_3$ | mg/L | 357.00 | 200 | 600 | IS:3025 (P-23) |
| Total Hardness as $CaCO_3$ | mg/L | 292.09 | 200 | 600 | IS:3025 (P-21) |
| Calcium as Ca | mg/L | 69.71 | 75 | 200 | IS:3025 (P-40) |
| Magnesium as Mg | mg/L | 23.52 | 30 | 100 | IS:3025 (P-46) |
| Chloride as Cl | mg/L | 134.10 | 250 | 1000 | IS:3025 (P-32) |
| Sulphate as $SO_4$ | mg/L | 39.06 | 200 | 400 | IS:3025 (P-24) |
| Nitrates as $NO_3$ | mg/L | 04.23 | 45 | No relaxation | IS:3025 (P-34) |
| Fluoride as F | mg/L | 00.31 | 1.0 | 1.5 | IS:3025 (P-60) |
| Iron as Fe | mg/L | 0.052 | 0.3 | No relaxation | IS:3025 (P-53) |
| Residual free chlorine | mg/L | ND | 0.2 | 1.0 | IS:3025 (P-26) |

**CONCLUSION:** On the basis of above Chemical analysis the water conform to permissible limits of IS 10500:2012 and Drinking water specification

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BR509

## TEST CERTIFICATE

| | | | |
|---|---|---|---|
| **Report No:** | **STH/QF/1866/02** | **Customer Code No.:** | **Nil** |
| **Issued To:** | M/s.KRIDL, BBMP, Bangalore | **Sample receipt date:** | 12.06.2014 |
| **Issued To** | AEE, BBMP, Ward No14/15 Dasarahalli sub Division | | |
| **Kind Attn.:** | ------ | **Start of analysis date:** | 13.06.2014 |
| **Location:** | Vishweshwaraya Layout 6th Cross in ward no 14 | | |
| **Nature of sample:** | **Borewell water** | **Completion Date:** | 18.06.2015 |
| **Condition of Sample:** | Good | **Report Date:** | 18.06.2014 |
| **Sample package:** | Plastic water bottle &sterile Bottle | **Job Order Number:** | 1866/02 |
| **Date of Sampling:** | 12.06.2014 | **Sampled collected Agency** | By KRIDL,Bangalore |

| TEST PARAMETER | UNIT | RESULT | Maximum Acceptable Limit as per IS:10500-2012 | Maximum Permissible Limits In The Absence of Alternate Source as per IS: 10500-2012 | PROTOCOL |
|---|---|---|---|---|---|
| Color | Pt-Co | <2.00 | 5.00 | 15.0 | IS:3025 (P- 4) |
| odor | --- | Agreeable | Agreeable | Agreeable | IS:3025 (P- 5) |
| pH value | ----- | 07.72 | 6.5 - 8.5 | No relaxation | IS:3025 (P-11) |
| Turbidity | NTU | 00.30 | 1.0 | 5.0 | IS:3025 (P-10) |
| Conductivity | µmhos/cm | 969.00 | --- | 2250 | IS:3025 (P-14) |
| Total Dissolved Solids | mg/L | 630.00 | 500 | 2000 | IS:3025 (P-16) |
| Total Alkalinity as $CaCO_3$ | mg/L | 373.14 | 200 | 600 | IS:3025 (P-23) |
| Total Hardness as $CaCO_3$ | mg/L | 309.08 | 200 | 600 | IS:3025 (P-21) |
| Calcium as Ca | mg/L | 72.19 | 75 | 200 | IS:3025 (P-40) |
| Magnesium as Mg | mg/L | 30.88 | 30 | 100 | IS:3025 (P-46) |
| Chloride as Cl | mg/L | 141.20 | 250 | 1000 | IS:3025 (P-32) |
| Sulphate as $SO_4$ | mg/L | 46.29 | 200 | 400 | IS:3025 (P-24) |
| Nitrates as $NO_3$ | mg/L | 03.39 | 45 | No relaxation | IS:3025 (P-34) |
| Fluoride as F | mg/L | 00.27 | 1.0 | 1.5 | IS:3025 (P-60) |
| Iron as Fe | mg/L | 0.043 | 0.3 | No relaxation | IS:3025 (P-53) |
| Residual free chlorine | mg/L | ND | 0.2 | 1.0 | IS:3025 (P-26) |

**CONCLUSION:** On the basis of above Chemical analysis the water conform to permissible limits of IS 10500:2012 and Drinking water specification

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